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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of:)	
)	Group Art Unit: TBA
Tian-Li WANG et al.)	
)	Examiner: TBA
Serial No.: 10/588,237)	
)	
Filed: August 3, 2006)	
)	
For: Thymidylate Synthase Gene and Metastasis)	Docket No. 001107.00606

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

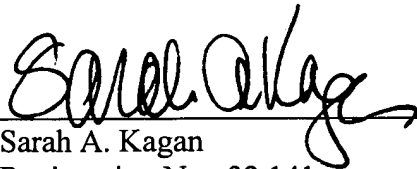
Submitted herewith are two (2) sheets of Form PTO-1449. A copy of each of the references listed therein is enclosed. It is respectfully requested that the Examiner make his/her consideration of each of these documents formally of record.

Since this Information Disclosure Statement is being filed before issuance of a first Office Action on the merits under 37 C.F.R. 1.97(b), it is submitted that no fee or certification is required. However, if a fee is required, please charge our deposit account no. 19-0733.

Respectfully submitted,

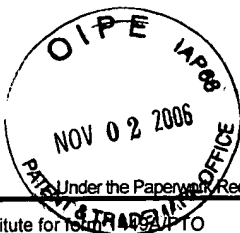
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By:



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/588,237
Filing Date	August 3, 2006
First Named Inventor	Tian-Li WANG, et al.
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	001107.00606

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Berger, Sondra H. et al., "Thymidylate Synthase Overproduction and Gene Amplification in Fluorodeoxyuridine-Resistant Human Cells," <i>Mol. Pharm.</i> 28:461-467	
		Clark, John L. et al., "Thymidylate Synthase Gene Amplification in a Colon Tumor Resistant to Fluoropyrimidine Chemotherapy," <i>Cancer Treat Rep</i> , 71:261-265, 1987	
		Copur, Sitki et al., "Thymidylate Synthase Gene Amplification in Human Colon Cancer Cell Lines Resistant to 5-Fluorouracil," <i>Biochemical Pharmacology</i> , Vol. 49, No. 10, pp. 1419-1426, 1995	
		Danenberg, Kathleen D. and Danenberg, Peter V. "Activity of Thymidylate Synthetase and its Inhibition by 5-Fluorouracil in Highly Enzyme-Overproducing Cells Resistant to 10-Propargyl-5, 8-Dideazafolate," <i>Molecular Pharmacology</i> , 36:219-223	
		Edler, David et al., "Thymidylate Synthase Expression in Colorectal Cancer: A Prognostic and Predictive Marker of Benefit from Adjuvant Fluorouracil-Based Chemotherapy," <i>J. Clin. Oncology</i> , Vol. 20, No. 7 (April 1), 2002: pp. 1721-1728	
		Findlay, MPN et al., "Lack of correlation between thymidylate synthase levels in primary colorectal tumours and subsequent response to chemotherapy," <i>British J. of Cancer</i> , (1997) 75(6), pp. 903-909	
		Johnston, Patrick G. et al., "Thymidylate Synthase Protein Expression in Primary Colorectal Cancer: Lack of Correlation with Outcome and Response to Fluorouracil in Metastatic Disease Sites," <i>J. Clin. Oncology</i> , Vol. 21, No. 5 (March 1), 2003: pp. 815-819	

Examiner
Signature

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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		Gorlick, Richard et al., "Higher Levels of Thymidylate Synthase Gene Expression are Observed in Pulmonary as Compared with Hepatic Metastases of Colorectal Adenocarcinoma," <i>J. Clin. Oncology</i> , Vol. 16, No. 4 (April), 1998: pp. 1465-1469	
		Johnston, Patrick G. et al., "Thymidylate Synthase Gene and Protein Expression Correlate and Are Associated with Response to 5-Fluorouracil in Human Colorectal and Gastric Tumors," <i>Can. Research</i> , 55, 1407-1412, April 1, 1995	
		Lenz, Heinz-Joseph et al., "p53 Point Mutations and Thymidylate Synthase Messenger RNA Levels in Disseminated Colorectal Cancer: An Analysis of Response and Survival," <i>Clin. Cancer Research</i> Vol. 4, pp. 1243-1250, May 1998	
		Lonn, Ulf et al., "Higher Frequency of Gene Amplification in Breast Cancer Patients Who Received Adjuvant Chemotherapy," <i>Cancer</i> , January 1, 1996, Vol. 77, No. 1, pp. 107-112	
		Neuteboom, Saskia T.C. et al., "Inhibition of Cell Growth by NB1011 Requires High Thymidylate Synthase Levels and Correlates with p53, p21, Bax, and GADD45 Induction," <i>Mol. Cancer Therapeutics</i> , Vol. 1, 377-384, April 2002	
		Spears, Colin Paul et al., "Mechanisms of Innate Resistance to Thymidylate Synthase Inhibition after 5-Fluorouracil," <i>Cancer Research</i> , 43, 5894-5900, October 15, 1988	

Examiner Signature		Date Considered	
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